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THIS IS UNEVALUATED INFORMATION

SOURCE Ugol', No 5, 1950TYPES OF SCRAPER CONVEYERS IN USE IN USSR COAL MINES

N. D. Samoylyuk

There are 17 different types of scraper conveyer in use in the USSR coal mines as indicated in the following table:

Type	Function	Productivity (tons/hr)	Motor Capa- city (kw)	Horizontal Haulage (m)	Production Status
STS-3	Conveying coal from Moscow Basin mine faces	36	4.5	50	Series production
ST-6	Conveying coal from Moscow Basin mine faces	40	4.5	50	Series production
SKR-11 with usual chutes	Conveying coal from and delivering mine timbers to mine faces	60	11.4	70	Series production
SKR-11 with identi- cal up- and lower chutes	Conveying coal from and delivering mine timbers to mine faces	60	11.4	70	Series production

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<u>Type</u>	<u>Function</u>	<u>Productivity</u> (tons/hr)	<u>Motor Capa-</u> <u>city</u> (kw)	<u>Horizontal</u> <u>Haulage</u> (m)	<u>Production</u> <u>Status</u>
SKT	Conveying coal from mine faces in thin seams; delivering mine timbers to mine faces. Works together with combine or cutting and loading machine	25	11.4	100	Series production
SKT <sub>2</sub> -6	Conveying coal from mine faces in thin seams; delivering mine timbers to mine faces. Works together with combine or cutting and loading machine	25	11.4	100	Series production for individual orders
SKT <sub>3</sub> -6	Conveying coal from mine faces in thin seams; delivering mine timbers to mine faces. Works together with cutting machine	25	11.4	100	Series Production
SKTD	Conveying coal from mine faces up to 170 m long in thin seams; delivering mine timbers to mine faces. Works together with combine	45	17	170 with haulage along passage dipping 12 degrees	Experimental model being produced
STR-30	Conveying coal from mine faces with cutting from frame of conveyer. Works together with cutting and loading machine	100/150	20.5/29	100	Series Production
SK-30	Conveying coal from and delivering mine timbers to mine face. Works together with Donbass combine and other machines	100	29	Up to 180 with haulage along passage dipping 10 degrees 140 long	Experimental model has been produced
US-4	Conveying coal from mine faces. Works together with coal stripper	100/150	25/36	passage dipping 10 degrees	Series production

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Type	Function	Productivity (tons/hr)	Motor Capa- city (kw)	Horizontal Haulage (m)	Production Status
STP-30	Conveying coal from mine faces with cutting from frame of conveyer. Works with cutting and loading machine	100/150	20.5/29	100	Experimental models already constructed are being tested
SK-20	Conveying coal from Moscow Basin mine faces. Works with VOM combine	80	2115/29	80/110	Experimental models under construction
SKM-1	Conveying coal from mine faces. Works with cutting and loading machine and with coal stripper. Can be moved without dismantling	150	two at 29 one at 21.5	250 with haulage along passage dipping 6 degrees	Experimental models under construction
Kuzbass	Conveying coal from and delivering mine timbers to mine face	60	11.4	100	Experimental models already constructed
KSKO	Conveying coal from mine faces. Works with cutting and loading machine	80	36	100	Experimental models already constructed
SPK-16	Auxiliary conveyer; conveying coal from mine face along cross-cuts to longitudinal conveyer in mines with longitudinal pillars	100/150/200	16	30	Experimental models already constructed

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